



Author Index

- Afzal, M., 99
Ahmad, R., 99
Alam, T., 89
- Barboux-Doeuff, S., 177
Behrends, T., 15
Berek, D., 75
Biggs, S., 265
Bradna, P., 159
Brancewicz, C., 37
Burns, J.L., 265
- Cabane, B., 107
Callejas-Fernández, J., 67
Campos, L., 123
Chaplain, V., 249
Chavepeyer, G., 233
Chen, J.-y., 259
Cóceras, M., 123, 131
Coderch, L., 123
- Dąbrowski, A., 215
de la Maza, A., 123, 131
Dorofeev, G.A., 279
Dur, J.-C., 249
- Eriksson, P., 37
- Fan, A., 141
Fernández-Barbero, A., 67
Foissy, A., 107
Frink, L.J.D., 25
Fruhner, H., 193
- Geffroy, C., 107
Gliński, J., 233
Goyal, R.N., 239
Gupta, P., 239
- Ha, Y.-K., 289
Heß, H., 1
Herrmann, R., 15
- Jain, N., 239
Jameson, G.J., 265
Jean, D.S., 285
- Kamaluddin, 89
Khattak, A.K., 99
Kim, J.-H., 289
Konygin, G.N., 279
Kosmulski, M., 37
- Lee, D.J., 285
Lee, H.-J., 289
Liu, H.-z., 259
Lixon, P., 107
Lomayeva, S.F., 279
Lopez, O., 131
López, O., 123
Lunkenheimer, K., 193
- Mao, G., 203
Maratkanova, A.N., 279
Mikhailova, S.S., 279
Mrkvičková, L., 159
- Ng, K.Y.S., 203
Nguyen, S.H., 75
Niebelshütz, H., 1
- Pal, R., 55
Parola, H., 249
Parra, J.L., 123, 131
Patrick, H.N., 149
Persello, J., 107
Platten, J.-K., 233
- Podkościelny, P., 215
Ponton, A., 177
Povstugar, V.I., 279
- Quadrat, O., 159
- Rama, R., 249
Rosenholm, J.B., 37
- Saleem, M., 99
Sanchez, C., 177
Schmidt, U., 1
Schmitt, A., 67
Šnupárek, J., 159
Sobisch, T., 1
Somasundaran, P., 141
Song, H.-S., 289
- Tayal, N., 49
Tirado-Miranda, M., 67
Tobischall, H.J., 167
Tournilhac, F., 107
Turro, N.J., 141
- van Swol, F., 25
Varshney, K.G., 49
- Walterová, Z., 159
Wantke, K.-D., 193
Warr, G.G., 149
Weerasooriya, R., 167
Wu, B., 203
- Yan, Y.-d., 265
Yasmeen, G., 99
Yelsukov, E.P., 279
- Zagainov, A.V., 279
Zhang, T.-x., 259





Subject Index

- Acetylacetone, 177
Acrylonitrile, 49
Adsolubilization, 15
Adsorbents, 89
Adsorption, 15, 89, 99, 107, 249
Adsorption from solutions, 215
Affinity extraction, 259
Aggregation, 203
Aggregation rate constant, 67
Air–liquid interface, 233
Alumina fines, 141
Anthracene, 15
Aqueous and micellar systems, 239
Aqueous solutions, 233
Atomic force microscopy, 265

Beam bending measurements, 25
Biodegradation, 1
Bovine serum albumin, 259

Cationic surfactant, 15
Cerium (IV) phosphate, 49
Chemical adsorption, 203
Chromate, 167
Cibacron Blue 3GA, 259
Colloidal aggregation, 67
Colloids, 265
Common solvent scales, 37
Conductivity, 259
Contact angle hysteresis, 203

Depletion flocculation, 265
Desorption isotherm, 75
Dewaterability, 285
Dielectric constant, 37
Dispersions, 159
Dissolution, 159
Dynamic scaling, 67

Electrochemical behaviour, 239
Electrolyte, 285

Emulsions, 55
Ethyl acrylate-methacrylic acid copolymers, 159
Eutectic formation, 285
Extrusion, 99

Ferric hydroxide, 285
Fibrous ion exchanger, 49
Foam stability, 193
Fractal dimension, 265
Fractal structure, 67
Fractionation, 107
Fragmentation, 249
Freezing, 285

Goethite, 167
Graphite–solution interfaces, 149

Influence of ceramides in stratum corneum liposome solubilization, 131
Inner-sphere complex, 167
Interaction, 89
Intrusion, 99
Ion exchange, 49
Iron powders, 279

Kinetics, 49

Latex, 67
Light scattering, 67, 265

Magnetic characteristics, 279
Mechanical milling, 279
Metal ferrocyanides, 89
Mixed films, 203
Mixed solvent, 37

Nanocrystalline state, 279
Nonionic surfactants, 149

Octyl glucoside, 123
Oscillating bubble method, 193

- Osmotic stress, 25
Outer-sphere complex, 167

PAH, 1
1,5-Pentanediol, 233
Polyacrylic acid, 141
Polycyclic aromatic hydrocarbon, 249
Polyelectrolyte, 107
Polymer adsorption and desorption, 75
Polymer flocculation, 141
Pore morphology, 25
Preferential adsorption of macromolecules, 75
Pyrene, 1

Reversed micelles, 259
Rheology, 55, 177
Rheometry, 55

Self-assembled monolayers, 203
Self-assembly structures, 149
Silica gel, 15
Silicon (IV) oxide, 37
Size exclusion chromatography, 107
Slip effects, 55
Soil clean-up, 1
Sol-gel, 177
Solubilization, 1, 249
Soluble mineral, 107
Static light-scattering changes, 131
Statistical analysis of the errors, 215
Stratum corneum lipid liposomes, 131
Stratum corneum liposome solubilization, 131

Stratum corneum selective disaggregation, 123
Substituted pyridines, 89
Surface dilational properties, 193
Surface dilational viscosity, 193
Surface entropy, 233
Surface forces apparatus, 25
Surface phase capacity, 215
Surface rheology, 193
Surface tension, 233
Surfactant, 249, 279
Surfactant combinations, 1
Surfactant partition coefficients, 131
Surfactant/stratum corneum lipids molar ratios, 131

Tetradecyl betaine–sodium dodecyl sulfate mixtures, 131
Tetramethylated uric acid, 239
Thin-layer chromatography/flame-ionization detection, 123
Three-plane model, 167
Time-average light scattering, 159
TiO₂, 177
Titanium alkoxide, 177

UNIFAC model, 233

Viscometry, 55

wide and small angle X-ray diffraction, 123

Zeta potential, 37

